

## **CLAIMS**

- 1) I claim a partially separated dual chambered pipe for the desalination or distillation of water comprising
  1. A single piece manufacture
  2. An outer shell, semi-circular on the bottom and triangular at the top;
  3. A lower chamber for the transport of salt or brackish water and the evaporation of said water;
  4. An upper chamber for the condensation of evaporate and collection and distribution of the evaporate,
  5. Two separators with supports declining towards the outside of the article of manufacture and split in the center of the pipe;
  6. The above parts created by their manufacture form a self-contained system for the desalination or distillation of water.
- 2) I claim the fitting shown in FIGS 4 and 5 which will connect sections of said pipe claimed in 1.
- 3) I claim the method of water desalination which includes
  1. Pumping salt or brackish water inland
  2. Allowing aforementioned water to flow back towards the ocean under the power of gravity through the pipe in claim 1 or a similar apparatus in order to produce fresh water